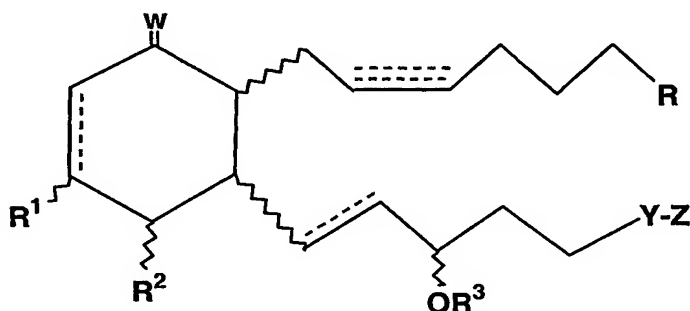


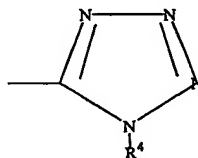
## CLAIMS

1. A method of treating ocular hypertension or  
 5 glaucoma which comprises administering to a mammal having ocular hypertension or glaucoma a therapeutically effective amount of a compound represented by formula I:



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- wherein the wavy segment represents an  $\alpha$  or  $\beta$  bond, a dashed line represents the presence or absence of a bond, R is selected from the group consisting of  $\text{CO}_2\text{R}^4$ ,  
 15  $\text{CONR}^4_2$ ,  $\text{CH}_2\text{OR}^4$ ,  $\text{CONR}^4\text{SO}_2\text{R}^4$ ,  $\text{P}(\text{O})(\text{OR}^4)$  and

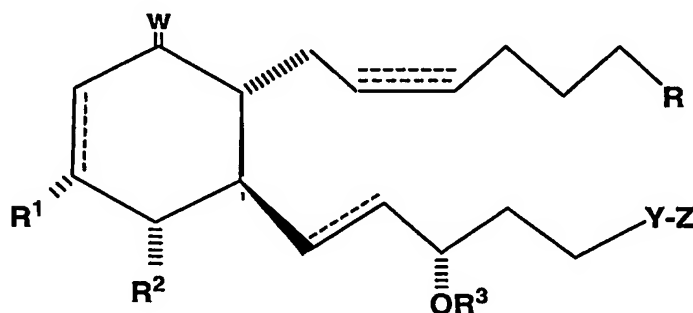


- wherein  $\text{R}^4$  is selected from the group consisting of H, phenyl and lower alkyl having from one to six carbon atoms and n is 0 or an integer of from 1 to 4,  $\text{R}^1$  and  
 20  $\text{R}^2$  are independently selected from the group consisting of hydrogen, hydroxyl, a lower alkyloxy radical

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having up to six carbon atoms, or a lower acyloxy radical having up to six carbon atoms,  $R^3$  is selected from the group consisting of hydrogen, a lower alkyl radical having up to six carbon atoms and a lower acyl radical having up to six carbon atoms, W is = O or halogen, Y is a covalent bond or is selected from the group consisting of  $CH_2$ , O, S and N and Z is a alkyl or cycloalkyl radical including from three to ten carbon atoms or an aromatic radical including a hydrocarbyl aromatic radical having from six to ten carbon atoms or a heterocyclic aromatic radical having from four to ten carbon atoms and including a heterocyclic atom selected from the group consisting of nitrogen, oxygen and sulfur; and pharmaceutically-acceptable salts and esters thereof.

2. The method of Claim 1 wherein said compound is represented by formula II:

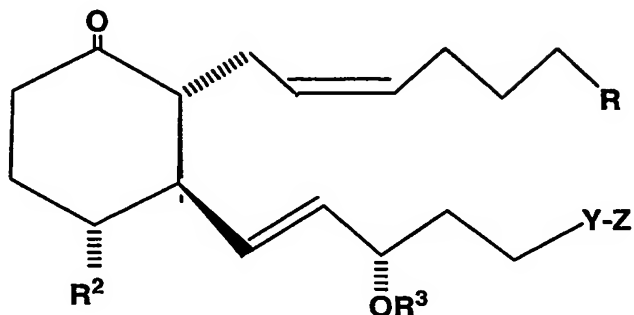


wherein the hatched segment represents an  $\alpha$  bond and the solid triangle represents a  $\beta$  bond.

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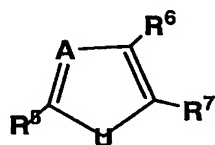
3. The method of claim 2 wherein said compound is represented by formula III

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4. The method of claim 3 wherein Z is phenyl or is represented by the formula IV

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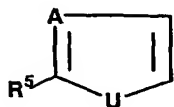


wherein U is selected from the group consisting of O and S, A is selected from the group consisting of N, -CH, and C, R⁵ is selected from the group consisting of hydrogen, halogen, lower alkyl having from 1 to 6 carbon atoms, and lower alkoxy having from 1 to 6 carbon atoms, R⁶ and R⁷ are selected from the group consisting of hydrogen, halogen, lower alkyl having

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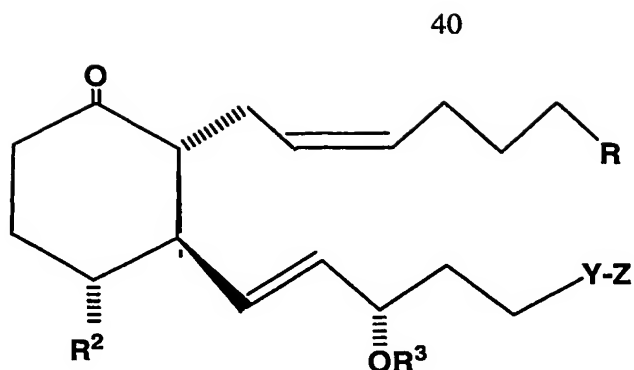
from 1 to 6 carbon atoms, lower alkoxy having from 1 to 6 carbon atoms or, together with



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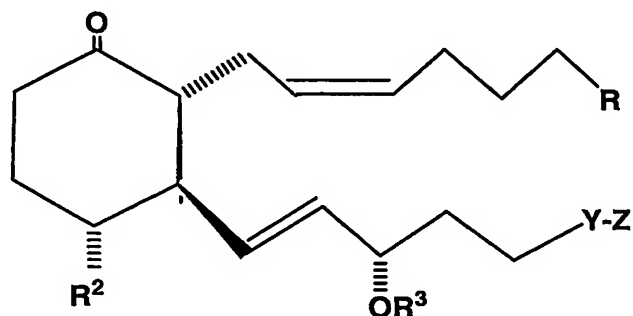
,  $R^6$  and  $R^7$  forms a condensed aryl ring.

5. The method of claim 4 wherein U is S.
6. The method of claim 4 wherein R is  $\text{CO}_2\text{R}^4$ .
- 10 7. The method of claim 6 wherein R is H or methyl.
8. The method of claim 4 wherein Z is phenyl.
9. The method of claim 8 wherein R is  $\text{CO}^2\text{R}_4$ .
10. The method of claim 9 wherein  $\text{R}^4$  is H.
11. The method of claim 4 wherein Z is
- 15 chlorobenzothienyl.
12. The method of claim 11 wherein R is  $\text{CO}^2\text{R}_4$ .
13. The method of claim 12 wherein  $\text{R}^4$  is H.
14. An ophthalmic solution comprising a
- therapeutically effective amount of a compound of
- 20 formula I, as defined in Claim 1, or a
- pharmaceutically acceptable salt thereof, in admixture
- with a non-toxic, ophthalmically acceptable liquid
- vehicle, packaged in a container suitable for metered
- application.
- 25 15. The ophthalmic solution of Claim 14 wherein said
- compound is a compound of Formula III



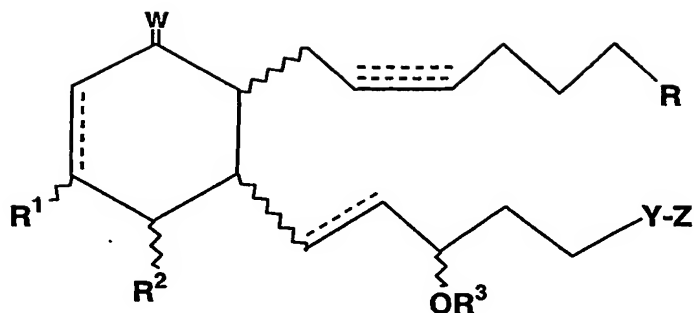
16. A pharmaceutical product, comprising a container adapted to dispense the contents of said container in metered form; and an ophthalmic solution in said container comprising a compound of formula I as defined in Claim 1, or a pharmaceutically acceptable salt thereof, in admixture with a non-toxic, ophthalmically acceptable liquid vehicle.

17. The product of claim 16 wherein said compound is compound of Formula III

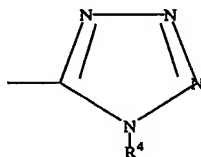


18. The product of claim 17 wherein Z is phenyl.
19. The product of claim 18 wherein R is CO<sub>2</sub>R<sup>4</sup> wherein R<sup>4</sup> is H or methyl.
20. The product of claim 19 wherein R<sup>4</sup> is H.
21. The compound represented by formula I:

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wherein the wavy segment represents an  $\alpha$  or  $\beta$  bond, a  
 dashed line represents the presence or absence of a  
 5 bond, R is selected from the group consisting of  $\text{CO}_2\text{R}^4$ ,  
 $\text{CONR}^4_2$ ,  $\text{CH}_2\text{OR}^4$ ,  $\text{CONR}^4\text{SO}_2\text{R}^4$ ,  $\text{P}(\text{O})(\text{OR}^4)$  and

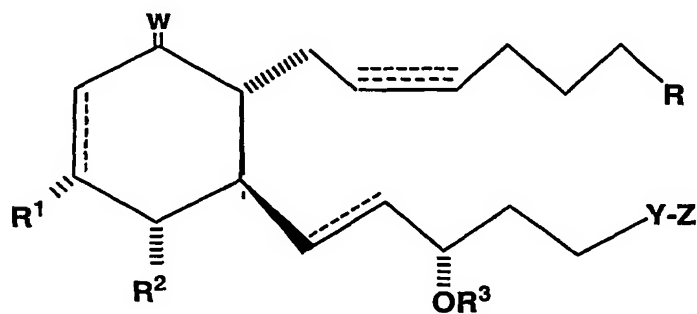


10 wherein  $\text{R}^4$  is selected from the group consisting of H,  
 phenyl and lower alkyl having from one to six carbon  
 atoms and n is 0 or an integer of from 1 to 4,  $\text{R}^1$  and  
 $\text{R}^2$  are independently selected from the group consisting  
 of hydrogen, hydroxyl, a lower alkyloxy radical  
 15 having up to six carbon atoms, or a lower acyloxy  
 radical having up to six carbon atoms,  $\text{R}^3$  is selected  
 from the group consisting of hydrogen, a lower alkyl  
 radical having up to six carbon atoms and a lower acyl  
 radical having up to six carbon atoms, W is = O or  
 20 halogen, Y is a covalent bond or is selected from the  
 group consisting of  $\text{CH}_2$ , O, S and N and Z is a alkyl or

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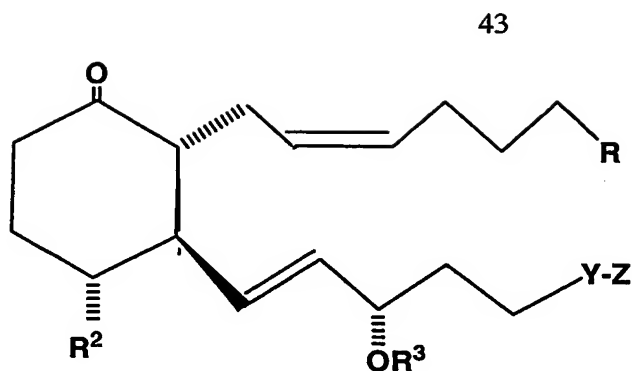
cycloalkyl radical including from three to ten carbon atoms or an aromatic radical including a hydrocarbyl aromatic radical having from six to ten carbon atoms or a heterocyclic aromatic radical having from four to ten carbon atoms and including a heterocyclic atom selected from the group consisting of nitrogen, oxygen and sulfur; and pharmaceutically-acceptable salts and esters thereof.

- 10 22. The compound of claim 1 wherein said compound is represented by formula II:

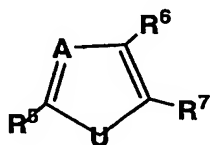


- 15 wherein the hatched segment represents an  $\alpha$  bond and the solid triangle represents a  $\beta$  bond.

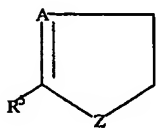
- 20 23. The method of claim 22 wherein said compound is represented by formula III



24. The method of claim 23 wherein Z is phenyl or is represented by the formula IV



- 5 wherein Z is selected from the group consisting of O and S, A is selected from the group consisting of N, -CH, and C, R⁵ is selected from the group consisting of hydrogen, halogen, lower alkyl having from 1 to 6 carbon atoms, and lower alkoxy having from 1 to 6 carbon atoms, R⁶ and R⁷ are selected from the group consisting of hydrogen, halogen, lower alkyl having from 1 to 6 carbon atoms, lower alkoxy having from 1 to 6 carbon atoms or, together with
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, R⁶ and R⁷ forms a condensed aryl ring.



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25. The method of claim 24 wherein U is S.
26. The method of claim 25 wherein R is  $\text{CO}_2\text{R}^4$ .
27. The method of claim 26 wherein R is H or methyl.
28. The method of claim 24 wherein Z is phenyl.
- 5 29. The method of claim 28 wherein R is  $\text{CO}^2\text{R}_4$ .
30. The method of claim 29 wherein  $\text{R}^4$  is H.